## APPENDIX I:

## THE LISTING OF CLAIMS:

1. (currently amended) A method of combating undesired plant growth at a locus, comprising application to the locus of a herbicidally effective amount of at least one compound of formula (I)

$$(R^1)_m$$
  $\longrightarrow$   $C \Longrightarrow C \longrightarrow R^3$  (I)

wherein

- X represents N or CR2;
- R<sup>1</sup> each independently represent a halogen atom or an optionally substituted alkyl, alkenyl, alkinyl, alkoxy, alkoxyalkyl, alkoxyalkoxy group or a haloalkyl, haloalkoxy, cyano, nitro or SF<sub>5</sub> group; or -S(O)<sub>p</sub>-R<sup>4</sup>, in which p is 0, 1 or 2, and R<sup>4</sup> represents an alkyl or haloalkyl group; or -NR<sup>5</sup>R<sup>6</sup>, in which R<sup>5</sup> and R<sup>6</sup> each independently represent a hydrogen atom, an alkyl, alkenyl, aralkyl or aryl group, or R<sup>7</sup>O-CY-, in which R<sup>7</sup> represents an alkyl group, and Y represents O or S;
- R<sup>2</sup> represents a hydrogen atom or has the meaning given for R<sup>1</sup>;
- R<sup>3</sup> represents a hydrogen atom or a formyl group or an optionally substituted alkyl, alkenyl, trihydrocarbylsilyl or aryl group, or an optionally substituted 5- or 6-membered nitrogen-containing heteroaromatic group;
- A represents an optionally substituted aryl group, an optionally substituted 5- or 6-membered nitrogen-containing heteroaromatic group or an optionally substituted thienyl group;
- Z represents an oxygen or sulfur atom; and
- m is 0, 1 or 2;

or an agronomically acceptable salt or N-oxide thereof.

2. (currently amended) A compound of formula (I)

$$C = C - R^3$$
(I)

wherein

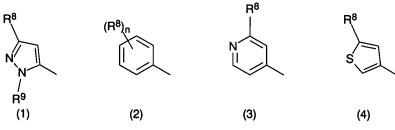
- X represents N or CR2;
- R1 each independently represent a halogen atom or an optionally substituted alkyl, alkenyl, alkinyl, alkoxy, alkoxyalkyl, al-

koxyalkoxy group or a haloalkyl, haloalkoxy, cyano, nitro or SF<sub>5</sub> group; or  $-S(O)_p-R^4$ , in which p is 0, 1 or 2, and R<sup>4</sup> represents an alkyl or haloalkyl group; or  $-NR^5R^6$ , in which R<sup>5</sup> and R<sup>6</sup> each independently represent a hydrogen atom, an alkyl, alkenyl, aralkyl or aryl group, or R<sup>7</sup>O-CY-, in which R<sup>7</sup> represents an alkyl group, and Y represents O or S;

- $R^2$  represents a hydrogen atom or has the meaning given for  $R^1$ ;
- R<sup>3</sup> represents a hydrogen atom or a formyl group or an optionally substituted alkyl, alkenyl, trihydrocarbylsilyl or aryl group, or an optionally substituted 5- or 6-membered nitrogen-containing heteroaromatic group;
- A represents an optionally substituted aryl group, an optionally substituted 5- or 6-membered nitrogen-containing heteroaromatic group or an optionally substituted thienyl group;
- z represents an oxygen or sulfur atom; and
- m is 1 or 2;

or an agronomically acceptable salt or N-oxide thereof.

- 3. (original) A compound as claimed in claim 2, wherein Z represents an oxygen atom.
- 4. (original) A compound as claimed in claim 2, wherein R<sup>3</sup> represents a phenyl group being optionally substituted by one or more halogen atoms or alkyl or haloalkyl groups.
- 5. (original) A compound as claimed in claim 2, wherein  $\mathbb{R}^3$  represents a  $C_{1-6}$  alkyl or  $C_{2-6}$  alkenyl group being optionally substituted by one or more halogen atoms and/or  $C_{1-4}$  alkoxy groups.
- 6. (original) A compound as claimed in claim 2, wherein A represents an optionally substituted phenyl, pyridyl, thienyl or pyrazolyl group.
- 7. (original) A compound as claimed in claim 6, wherein A represents a group selected from formulae (1), (2), (3), and (4):



wherein

- R<sup>8</sup> each independently represents a halogen atom or an optionally substituted alkyl, alkenyl, alkoxy or thioalkyl group;
- R9 represents an alkyl group; and
- n represents an integer of 1 to 5.
- 8. (previously presented) A compound according to claim 2 which is of formula IA

$$C = C - R^3$$
(IA)

wherein

R<sup>3</sup> represents a formyl group or an alkyl, alkenyl group or an optionally substituted aryl or 5- or 6-membered nitrogen-containing heteroaromatic group;

W-V represents N-CH, S-CH, N-CH-CH, CH-CH-CH or N-NR9;

- m is 1;
- R<sup>8</sup> represents a halogen atom or an optionally substituted alkyl, alkenyl, alkoxy or thioalkyl group; and
- R9 represents an alkyl group.
- 9. (canceled)
- 10. (previously presented) A process for the preparation of the compound of formula I according to claim 2, which comprises reacting a respective compound of formula II,

in which L represents a suitable leaving group, with a compound of formula III,

$$Met - C \equiv C - R^3$$
 (III)

in which Met represents a hydrogen or metal atom or an alkylmetal group.

11. (previously presented) A herbicidal composition comprising a herbicidally effective amount of at least one compound of formula I according to claim 2 and a carrier.

- 12. (original) A composition as claimed in claim 11, comprising at least two carriers, at least one of which is a surface-active agent.
- 13. (canceled)
- 14. (canceled)
- 15. (currently amended) A compound of formula (I)

$$C = C - R^3$$
(I)

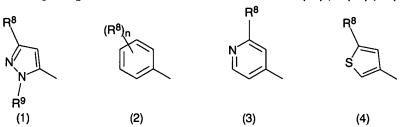
wherein

- X represents N or CR2;
- R<sup>1</sup> each independently represent a halogen atom or an optionally substituted alkyl, alkenyl, alkinyl, alkoxy, alkoxyalkyl, alkoxyalkoxy group or a haloalkyl, haloalkoxy, cyano, nitro or SF<sub>5</sub> group; or  $-S(0)_p-R^4$ , in which p is 0, 1 or 2, and R<sup>4</sup> represents an alkyl or haloalkyl group; or  $-NR^5R^6$ , in which R<sup>5</sup> and R<sup>6</sup> each independently represent a hydrogen atom, an alkyl, alkenyl, aralkyl or aryl group, or R<sup>7</sup>O-CY-, in which R<sup>7</sup> represents an alkyl group, and Y represents O or S;
- $R^2$  represents a hydrogen atom or has the meaning given for  $R^1$ ;
- R<sup>3</sup> represents a formyl group or an optionally substituted alkyl, alkenyl, trihydrocarbylsilyl or aryl group, or an optionally substituted 5- or 6-membered nitrogen-containing heteroaromatic group;
- A represents an optionally substituted aryl group, an optionally substituted 5- or 6-membered nitrogen-containing heteroaromatic group or an optionally substituted thienyl group;
- Z represents an oxygen or sulfur atom; and
- m is 1 or 2;

or an agronomically acceptable salt or N-oxide thereof.

- 16. (previously presented) A compound according to claim 15, wherein R<sup>3</sup> represents a phenyl group being optionally substituted by one or more halogen atoms or alkyl or haloalkyl groups.
- 17. (previously presented) A compound according to claim 15, wherein  $R^3$  represents a  $C_{1-6}$  alkyl or  $C_{2-6}$  alkenyl group being optionally substituted by one or more halogen atoms and/or  $C_{1-4}$  alkoxy groups.

- 18. (previously presented) A compound according to claim 15, wherein A represents an optionally substituted phenyl, pyridyl, thienyl or pyrazolyl group.
- 19. (previously presented) A compound according to claim 18, wherein A represents a group selected from formulae (1), (2), (3), and (4):



wherein

- R<sup>8</sup> each independently represents a halogen atom or an optionally substituted alkyl, alkenyl, alkoxy or thioalkyl group;
- R9 represents an alkyl group; and
- n represents an integer of 1 to 5.
- 20. (currently amended) A compound of formula IA

$$R^8$$
 $C = C - R^3$ 
(IA)

wherein

- X represents N or CR2;
- R<sup>1</sup> each independently represent a halogen atom or an optionally substituted alkyl, alkenyl, alkinyl, alkoxy, alkoxyalkyl, alkoxyalkoxy group or a haloalkyl, haloalkoxy, cyano, nitro or SF<sub>5</sub> group; or  $-S(0)_p-R^4$ , in which p is 0, 1 or 2, and R<sup>4</sup> represents an alkyl or haloalkyl group; or  $-NR^5R^6$ , in which R<sup>5</sup> and R<sup>6</sup> each independently represent a hydrogen atom, an alkyl, alkenyl, aralkyl or aryl group, or R<sup>7</sup>O-CY-, in which R<sup>7</sup> represents an alkyl group, and Y represents O or S;
- $R^2$  represents a hydrogen atom or has the meaning given for  $R^1$ ;
- R<sup>3</sup> represents a formyl group or an alkyl, alkenyl group or an optionally substituted aryl or 5- or 6-membered nitrogen-containing heteroaromatic group;
- W-V represents N-CH, S-CH, N-CH-CH, CH-CH-CH or N-NR9;
- m is 0 or 1;

- R8 represents a halogen atom or an optionally substituted alkyl, alkenyl, alkoxy or thioalkyl group; and
- R9 represents an alkyl group;
- or an agronomically acceptable salt or N-oxide thereof.
- 21. (previously presented) A method of combating undesired plant growth at a locus, which comprises applying to the locus a herbicidally effective amount of at least one compound of formula (I) as defined in claim 2 or an agronomically acceptable salt or N-oxide thereof.
- 22. (new) A compound of formula (I) according to claim 2 which is selected from the group consisting of
  - 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-(2-phe-nylethynyl)-pyridine;
  - 4-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-6-methyl-2-(2-phenylethynyl)-pyrimidine;
  - 4-methoxy-2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-6-(2-phenylethynyl)-pyridine;
  - 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-(2-trimethylsilylethynyl)-pyridine;
  - 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-[2-(4-trifluoromethyl-phenyl)-ethynyl]-pyridine;
  - 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-[2-(4-fluoro-phenyl)-ethynyl]-pyridine;
  - 6-ethynyl-2-(1-methyl-3-trifluoromethylpyrazol-5-yloxy)-4-methyl-pyridine;
  - 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-(4-methylpent-1-yn-3-enyl)-pyridine;
  - 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-(3,3-diethoxyprop-1-ynyl)-pyridine; and
  - 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-(2-for-mylethynyl)-pyridine.
- 23. (new) A herbicidal composition according to claim 11, comprising a herbicidally effective amount of at least one compound of formula (I) selected from the group consisting of
  - 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-(2-phenylethynyl)-pyridine;

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4-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-6-methyl-2-(2-phenylethynyl)-pyrimidine;
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- 4-methoxy-2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-6-(2-phenylethynyl)-pyridine;
- 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-(2-tri-methylsilylethynyl)-pyridine;
- 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-[2-(4-trifluoromethyl-phenyl)-ethynyl]-pyridine;
- 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-[2-(4-fluoro-phenyl)-ethynyl]-pyridine;
- 6-ethynyl-2-(1-methyl-3-trifluoromethylpyrazol-5-yloxy)-4-methyl-pyridine;
- 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-(4-methylpent-1-yn-3-enyl)-pyridine;
- 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-(3,3-diethoxyprop-1-ynyl)-pyridine; and
- 2-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-4-methyl-6-(2-for-mylethynyl)-pyridine.

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